

29Th June 2020

T-WING Consortium (CIRA, IBK, Magnaghi Aeronautica, OMI, Salver, SSM, Università di Napoli Federico II) and Leonardo Helicopter held the remote meeting to fulfill the Critical Design Review Entry of the innovative Wing and Moveable Surfaces of the NextGen of Civil Tiltrotor Technical Demonstrator (NGCTR-TD).

Almost 70 persons of the T-WING and Leonardo Helicopters discussed on several technical aspects to recognize the suitable level of design maturity to catch the viability for the next phases.

T-WING has covered all the topics starting from design, structural analysis, aeroelasticity, sensing. The consortium also presented the main tangible program results: the main hybrid composite-INVAR wing and moveable surfaces tools and the first integrated 7 meters long wing upper panel.

The achieved maturity has been considered valuable no major actions have been identified to close the CDR.

T-WING is now focused to the manufacturing phase and completion of design phase included the LHD support for NGCTR-TD permit to flight achievement.

